

# Guardrail Projects -- No. 508113

Category  
Agency  
Planning Area  
Relocation Impact

Transportation  
Public Works & Transportation  
Countywide  
None

Date Last Modified  
Previous PDF Page Number  
Required Adequate Public Facility

January 2, 2002  
11-76 (01 App)  
NO

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY01	Estimate FY02	Total 6 Years	FY03	FY04	FY05	FY06	FY07	FY08	Beyond 6 Years
Planning, Design and Supervision	177	0	14	163	70	20	20	10	33	10	0
Land											
Site Improvements and Utilities	1,052	0	191	861	178	240	128	150	15	150	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other											
Total	1,229	0	205	1,024	248	260	148	160	48	160	**

## FUNDING SCHEDULE (\$000)

G.O. Bonds	1,229	0	205	1,024	248	260	148	160	48	160	0
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## ANNUAL OPERATING BUDGET IMPACT (\$000)

### DESCRIPTION

This project provides for the installation of guardrails at various locations along County-maintained roadways.

### Service Area

Countywide

### JUSTIFICATION

Guardrails reduce the severity of run-off-the-road accidents and prevent collisions with fixed objects or embankments. Formal guidelines for determining needs have been developed to determine the potential benefit.

### Plans and Studies

Studies conducted by the Division of Traffic and Parking Services illustrate the need for guardrails at various locations to improve traffic safety. Future studies will include the review of guardrail end treatments. Current tapered and buried guardrail end treatments could present ramps for errant vehicles and may not meet current Maryland State Highway Administration (MSHA) standards. A new study will be conducted in FY03 to upgrade remaining substandard guardrail to meet MSHA standards.

### Specific Data

A study completed in FY02 has identified 109 locations which are equivalent to approximately 25,668 linear feet which will be installed starting in FY02 and continuing into FY03, FY04, and FY05. The following locations are the first installment in implementing this effort.

Annapolis Rock Road	Gold Mine Road	Peach Tree Road	Southlawn Lane
Bethesda Church Road	Goshen Road	Piedmont Road	Sugarland Road
Big Woods Road	Greenvale Road	Prathertown Road	Sundown Road
Blunt Road	Gue Road	Purdum Road	Travilah Road
Bowie Mill Road	Haines Road	Quince Orchard Road	Tucker Lane
Brink Road	Hipsley Mill Road	Redland Road	Violettes Lock Road
Brooke Road	Howard Chapel Road	Ridge Drive	West Hunter Road
Bryan Avenue	Long Corner Road	Riffle Ford Road	West Old Baltimore Road
Circle Drive	Martinsburg Road	Riggs Road	West Willard Road
Clarksburg Road	Mullinix Mill Road	River Road	Westerly Road
Croghan Lane	Oak Hill Road	Rocky Road	Wildcat Road
Ednor Road	Old Baltimore Road	Seneca Road	Zion Road
Game Preserve Road	Park Crest Drive	Seven Locks Road	
Glen Road	Partnership Road	Shiloh Church Road	

### Cost Change

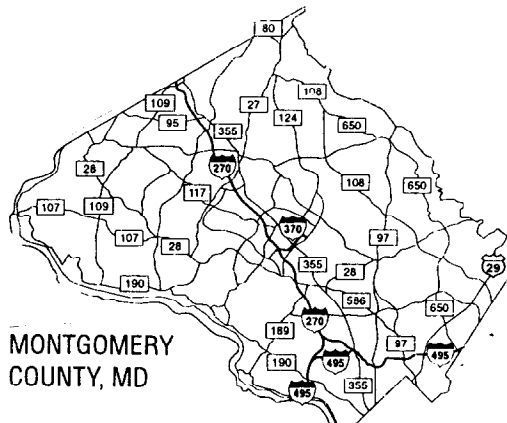
Increase funds to replace 25,668 feet of substandard guardrails, end treatment study in FY03, and addition of FY07-08 to this ongoing project

### STATUS

Ongoing.

### OTHER

\* Expenditures for this project will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP																																																						
<table> <tr> <td>Date First Appropriation</td><td>FY81</td><td>(\$000)</td></tr> <tr> <td>Initial Cost Estimate</td><td></td><td>150</td></tr> <tr> <td>First Cost Estimate</td><td></td><td></td></tr> <tr> <td>Current Scope</td><td>FY03</td><td>1,229</td></tr> <tr> <td>Last FY's Cost Estimate</td><td></td><td>646</td></tr> <tr> <td>Present Cost Estimate</td><td></td><td>1,229</td></tr> <tr> <td>Appropriation Request</td><td>FY03</td><td>248</td></tr> <tr> <td>Appropriation Request Est.</td><td>FY04</td><td>260</td></tr> <tr> <td>Supplemental</td><td></td><td></td></tr> <tr> <td>Appropriation Request</td><td>FY02</td><td>0</td></tr> <tr> <td>Transfer</td><td></td><td>0</td></tr> <tr> <td>Cumulative Appropriation</td><td></td><td>205</td></tr> <tr> <td>Expenditures/</td><td></td><td></td></tr> <tr> <td>Encumbrances</td><td></td><td>41</td></tr> <tr> <td>Unencumbered Balance</td><td></td><td>164</td></tr> <tr> <td>Partial Closeout Thru</td><td>FY00</td><td>1,774</td></tr> <tr> <td>New Partial Closeout</td><td>FY01</td><td>24</td></tr> <tr> <td>Total Partial Closeout</td><td></td><td>1,798</td></tr> </table>	Date First Appropriation	FY81	(\$000)	Initial Cost Estimate		150	First Cost Estimate			Current Scope	FY03	1,229	Last FY's Cost Estimate		646	Present Cost Estimate		1,229	Appropriation Request	FY03	248	Appropriation Request Est.	FY04	260	Supplemental			Appropriation Request	FY02	0	Transfer		0	Cumulative Appropriation		205	Expenditures/			Encumbrances		41	Unencumbered Balance		164	Partial Closeout Thru	FY00	1,774	New Partial Closeout	FY01	24	Total Partial Closeout		1,798		 <p>MONTGOMERY COUNTY, MD</p>
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